

# Anton J M Wagenmakers

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202  
papers

9,691  
citations

59  
h-index

91  
g-index

213  
ext. papers

10,607  
ext. citations

4.8  
avg, IF

5.77  
L-index

#	Paper	IF	Citations
202	High intramuscular triglyceride turnover rates and the link to insulin sensitivity: Influence of obesity, type 2 diabetes and physical activity.. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2022</b> ,	3	1
201	Home-Based HIIT and Traditional MICT Prescriptions Improve Cardiorespiratory Fitness to a Similar Extent Within an Exercise Referral Scheme for At-Risk Individuals. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 750283	4.6	1
200	Young, healthy males and females present cardiometabolic protection against the detrimental effects of a 7-day high-fat high-calorie diet. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 1605-1617	5.2	0
199	Formative Evaluation of a Home-Based Physical Activity Intervention for Adolescent Girls-The HERizon Project: A Randomised Controlled Trial. <i>Children</i> , <b>2021</b> , 8,	2.8	1
198	Evidence-based vs. social media based high-intensity interval training protocols: Physiological and perceptual responses. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257685	3.7	0
197	"Girls Aren't Meant to Exercise": Perceived Influences on Physical Activity among Adolescent Girls-The HERizon Project. <i>Children</i> , <b>2021</b> , 8,	2.8	7
196	Probiotic supplementation increases carbohydrate metabolism in trained male cyclists: a randomized, double-blind, placebo-controlled crossover trial. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E504-E513	6	12
195	A 7-day high-fat, high-calorie diet induces fibre-specific increases in intramuscular triglyceride and perilipin protein expression in human skeletal muscle. <i>Journal of Physiology</i> , <b>2020</b> , 598, 1151-1167	3.9	6
194	Decreased Aerobic Exercise Capacity After Long-Term Remission From Cushing Syndrome: Exploration of Mechanisms. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	3
193	Home-based high-intensity interval training reduces barriers to exercise in people with type 1 diabetes. <i>Experimental Physiology</i> , <b>2020</b> , 105, 571-578	2.4	6
192	High-Fat Overfeeding Impairs Peripheral Glucose Metabolism and Muscle Microvascular eNOS Ser1177 Phosphorylation. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	13
191	A Multidisciplinary Evaluation of a Virtually Supervised Home-Based High-Intensity Interval Training Intervention in People With Type 1 Diabetes. <i>Diabetes Care</i> , <b>2019</b> , 42, 2330-2333	14.6	12
190	Home-hit improves muscle capillarisation and eNOS/NAD(P)H oxidase protein ratio in obese individuals with elevated cardiovascular disease risk. <i>Journal of Physiology</i> , <b>2019</b> , 597, 4203-4225	3.9	23
189	Carbohydrate Restriction in Type 1 Diabetes: A Realistic Therapy for Improved Glycaemic Control and Athletic Performance?. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	21
188	Passive heat therapy in sedentary humans increases skeletal muscle capillarization and eNOS content but not mitochondrial density or GLUT4 content. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H114-H123	5.2	26
187	Passive Heat Therapy in Sedentary Humans Improves Aerobic Capacity and Insulin Sensitivity via Increases in Skeletal Muscle Capillarisation and eNOS. <i>FASEB Journal</i> , <b>2019</b> , 33, 701.12	0.9	
186	Fasted High-Intensity Interval and Moderate-Intensity Exercise Do Not Lead to Detrimental 24-Hour Blood Glucose Profiles. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 111-117	5.6	20

185	High-Intensity Interval Training Improves Aerobic Capacity Without a Detrimental Decline in Blood Glucose in People With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 604-612	5.6	19
184	In It Together: A Qualitative Evaluation of Participant Experiences of a 10-Week, Group-Based, Workplace HIIT Program for Insufficiently Active Adults. <i>Journal of Sport and Exercise Psychology</i> , <b>2018</b> , 40, 10-19	1.5	14
183	Hormone-sensitive lipase preferentially redistributes to lipid droplets associated with perilipin-5 in human skeletal muscle during moderate-intensity exercise. <i>Journal of Physiology</i> , <b>2018</b> , 596, 2077-2090	3.9	12
182	Development of microdialysis methodology for interstitial insulin measurement in rodents. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2017</b> , 86, 67-75	1.7	1
181	Lipid droplet remodelling and reduced muscle ceramides following sprint interval and moderate-intensity continuous exercise training in obese males. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 1745-1754	5.5	43
180	Neutrophil and Monocyte Bactericidal Responses to 10 Weeks of Low-Volume High-Intensity Interval or Moderate-Intensity Continuous Training in Sedentary Adults. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 8148742	6.7	36
179	The effect of different training modes on skeletal muscle microvascular density and endothelial enzymes controlling NO availability. <i>Journal of Physiology</i> , <b>2016</b> , 594, 2245-57	3.9	19
178	Vascular Health in Patients in Remission of Cushing's Syndrome Is Comparable With That in BMI-Matched Controls. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4142-4150	5.6	7
177	Intrinsic motivation in two exercise interventions: Associations with fitness and body composition. <i>Health Psychology</i> , <b>2016</b> , 35, 195-8	5	21
176	Sprint interval and moderate-intensity continuous training have equal benefits on aerobic capacity, insulin sensitivity, muscle capillarisation and endothelial eNOS/NAD(P)H oxidase protein ratio in obese men. <i>Journal of Physiology</i> , <b>2016</b> , 594, 2307-21	3.9	70
175	Habitual physical activity is associated with the maintenance of neutrophil migratory dynamics in healthy older adults. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 56, 12-20	16.6	34
174	Increased muscle blood supply and transendothelial nutrient and insulin transport induced by food intake and exercise: effect of obesity and ageing. <i>Journal of Physiology</i> , <b>2016</b> , 594, 2207-22	3.9	42
173	Immunofluorescence microscopy of SNAP23 in human skeletal muscle reveals colocalization with plasma membrane, lipid droplets, and mitochondria. <i>Physiological Reports</i> , <b>2016</b> , 4, e12662	2.6	11
172	Improvement in cardiac energetics by perhexiline in heart failure due to dilated cardiomyopathy. <i>JACC: Heart Failure</i> , <b>2015</b> , 3, 202-11	7.9	50
171	Low-Volume High-Intensity Interval Training in a Gym Setting Improves Cardio-Metabolic and Psychological Health. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139056	3.7	61
170	Visualization and quantitation of GLUT4 translocation in human skeletal muscle following glucose ingestion and exercise. <i>Physiological Reports</i> , <b>2015</b> , 3, e12375	2.6	15
169	Resistance training increases skeletal muscle oxidative capacity and net intramuscular triglyceride breakdown in type I and II fibres of sedentary males. <i>Experimental Physiology</i> , <b>2014</b> , 99, 894-908	2.4	28
168	Quantitative immunofluorescence microscopy of subcellular GLUT4 distribution in human skeletal muscle: effects of endurance and sprint interval training. <i>Physiological Reports</i> , <b>2014</b> , 2, e12085	2.6	24

167	Paxillin and focal adhesion kinase colocalise in human skeletal muscle and its associated microvasculature. <i>Histochemistry and Cell Biology</i> , <b>2014</b> , 142, 245-56	2.4	3
166	Effect of resistance training on microvascular density and eNOS content in skeletal muscle of sedentary men. <i>Microcirculation</i> , <b>2014</b> , 21, 738-46	2.9	13
165	Effect of muscle metaboreflex activation on central hemodynamics and cardiac function in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2014</b> , 39, 861-70	3	14
164	Sprint interval and traditional endurance training increase net intramuscular triglyceride breakdown and expression of perilipin 2 and 5. <i>Journal of Physiology</i> , <b>2013</b> , 591, 657-75	3.9	129
163	Sprint interval and endurance training are equally effective in increasing muscle microvascular density and eNOS content in sedentary males. <i>Journal of Physiology</i> , <b>2013</b> , 591, 641-56	3.9	143
162	Glucocorticoids fail to cause insulin resistance in human subcutaneous adipose tissue in vivo. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 1631-40	5.6	46
161	Ethnicity and long-term heart rate variability in children. <i>Archives of Disease in Childhood</i> , <b>2013</b> , 98, 292-82.2		12
160	Immunofluorescent visualisation of focal adhesion kinase in human skeletal muscle and its associated microvasculature. <i>Histochemistry and Cell Biology</i> , <b>2012</b> , 138, 617-26	2.4	4
159	Preferential utilization of perilipin 2-associated intramuscular triglycerides during 1 h of moderate-intensity endurance-type exercise. <i>Experimental Physiology</i> , <b>2012</b> , 97, 970-80	2.4	45
158	Immunofluorescence microscopy to assess enzymes controlling nitric oxide availability and microvascular blood flow in muscle. <i>Microcirculation</i> , <b>2012</b> , 19, 642-51	2.9	13
157	Prolonged exercise training increases intramuscular lipid content and perilipin 2 expression in type I muscle fibers of patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 303, E1158-65	6	51
156	Health consequences of exercise and inactivity: The endurance athlete: high aerobic capacity and improved longevity. <i>Biochemist</i> , <b>2012</b> , 34, 20-23	0.5	1
155	Acute high-fat feeding does not prevent the improvement in glucose tolerance after resistance exercise in lean individuals. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 2607-13	3.4	2
154	Metabolic manipulation in chronic heart failure: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2011</b> , 12, 140	2.8	11
153	Relationship between coronary microvascular dysfunction and cardiac energetics impairment in type 1 diabetes mellitus. <i>Circulation</i> , <b>2010</b> , 121, 1209-15	16.7	61
152	The effect of exercise and nutrition on intramuscular fat metabolism and insulin sensitivity. <i>Annual Review of Nutrition</i> , <b>2010</b> , 30, 13-34	9.9	75
151	Adipophilin distribution and colocalization with lipid droplets in skeletal muscle. <i>Histochemistry and Cell Biology</i> , <b>2009</b> , 131, 575-81	2.4	49
150	Reduced in vivo skeletal muscle oxygen consumption in patients with chronic heart failure--a study using Near Infrared Spectrophotometry (NIRS). <i>European Journal of Heart Failure</i> , <b>2008</b> , 10, 652-7	12.3	27

149	Co-ingestion of leucine with protein does not further augment post-exercise muscle protein synthesis rates in elderly men. <i>British Journal of Nutrition</i> , <b>2008</b> , 99, 571-80	3.6	81
148	Reduced oxidation of dietary fat after a short term high-carbohydrate diet. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 87, 824-31	7	63
147	Adipose tissue fatty acid metabolism in insulin-resistant men. <i>Diabetologia</i> , <b>2008</b> , 51, 1466-74	10.3	73
146	Intravenous AICAR administration reduces hepatic glucose output and inhibits whole body lipolysis in type 2 diabetic patients. <i>Diabetologia</i> , <b>2008</b> , 51, 1893-900	10.3	84
145	Network distribution of mitochondria and lipid droplets in human muscle fibres. <i>Histochemistry and Cell Biology</i> , <b>2008</b> , 129, 65-72	2.4	105
144	Substrate source utilisation in long-term diagnosed type 2 diabetes patients at rest, and during exercise and subsequent recovery. <i>Diabetologia</i> , <b>2007</b> , 50, 103-12	10.3	40
143	Effect of acute exercise on glucose tolerance following post-exercise feeding. <i>European Journal of Applied Physiology</i> , <b>2007</b> , 100, 711-7	3.4	18
142	Preferential uptake of dietary Fatty acids in adipose tissue and muscle in the postprandial period. <i>Diabetes</i> , <b>2007</b> , 56, 168-76	0.9	182
141	Substrate source use in older, trained males after decades of endurance training. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 2160-70	1.2	15
140	Nutritional interventions to promote post-exercise muscle protein synthesis. <i>Sports Medicine</i> , <b>2007</b> , 37, 895-906	10.6	69
139	Age-related morphological changes in skeletal muscle cells of acid alpha-glucosidase knockout mice. <i>Muscle and Nerve</i> , <b>2006</b> , 33, 505-13	3.4	19
138	Protein hydrolysate/leucine co-ingestion reduces the prevalence of hyperglycemia in type 2 diabetic patients. <i>Diabetes Care</i> , <b>2006</b> , 29, 2721-2	14.6	57
137	Co-ingestion of a protein hydrolysate with or without additional leucine effectively reduces postprandial blood glucose excursions in Type 2 diabetic men. <i>Journal of Nutrition</i> , <b>2006</b> , 136, 1294-9	4.1	63
136	Co-ingestion of protein and leucine stimulates muscle protein synthesis rates to the same extent in young and elderly lean men. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 84, 623-32	7	138
135	Integration of the metabolic and cardiovascular effects of exercise. <i>Essays in Biochemistry</i> , <b>2006</b> , 42, 193-260	22	
134	Combined ingestion of protein and free leucine with carbohydrate increases postexercise muscle protein synthesis in vivo in male subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 288, E645-53	6	191
133	Ubiquitin-proteasome-dependent proteolytic activity remains elevated after zymosan-induced sepsis in rats while muscle mass recovers. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2005</b> , 37, 2217-25	5.6	15
132	Co-ingestion of a protein hydrolysate and amino acid mixture with carbohydrate improves plasma glucose disposal in patients with type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 76-83	7	105

131	Lifestyle intervention and fatty acid metabolism in glucose-intolerant subjects. <i>Obesity</i> , <b>2005</b> , 13, 1354-62		11
130	Skeletal Muscle wasting and contractile performance in septic rats. <i>Muscle and Nerve</i> , <b>2005</b> , 31, 339-48	3.4	57
129	Age-related decline in muscle strength and power output in acid 1-4 alpha-glucosidase knockout mice. <i>Muscle and Nerve</i> , <b>2005</b> , 31, 374-81	3.4	9
128	Insulin resistance in the offspring of parents with type 2 diabetes. <i>PLoS Medicine</i> , <b>2005</b> , 2, e289	11.6	8
127	Inhibition of adipose tissue lipolysis increases intramuscular lipid and glycogen use in vivo in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 289, E482-93	6	60
126	The Combined Ingestion Of Protein And Free Leucine With Carbohydrate Increases Post-exercise Muscle Protein Synthesis. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, S420	1.2	
125	Co-ingestion of a protein hydrolysate and amino acid mixture with carbohydrate improves plasma glucose disposal in patients with type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 76-83	7	33
124	Assessment of whole body protein metabolism in critically ill children: can we use the [15N]glycine single oral dose method?. <i>Clinical Nutrition</i> , <b>2004</b> , 23, 153-60	5.9	12
123	Creatine supplementation increases glycogen storage but not GLUT-4 expression in human skeletal muscle. <i>Clinical Science</i> , <b>2004</b> , 106, 99-106	6.5	67
122	Combined ingestion of protein and carbohydrate improves protein balance during ultra-endurance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 287, E712-20	6	103
121	Effects of creatine loading and prolonged creatine supplementation on body composition, fuel selection, sprint and endurance performance in humans. <i>Clinical Science</i> , <b>2003</b> , 104, 153-62	6.5	70
120	Coronary sinus catheter placement: assessment of placement criteria and cardiac complications. <i>Chest</i> , <b>2003</b> , 124, 1259-65	5.3	20
119	The use of the [1,2-13C]acetate recovery factor in metabolic research. <i>European Journal of Applied Physiology</i> , <b>2003</b> , 89, 377-83	3.4	21
118	Intramyocellular lipids form an important substrate source during moderate intensity exercise in endurance-trained males in a fasted state. <i>Journal of Physiology</i> , <b>2003</b> , 553, 611-25	3.9	150
117	Amino acid ingestion strongly enhances insulin secretion in patients with long-term type 2 diabetes. <i>Diabetes Care</i> , <b>2003</b> , 26, 625-30	14.6	164
116	Lysosomal dysfunction in muscle with special reference to glycogen storage disease type II. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2003</b> , 1637, 164-70	6.9	30
115	Influence of prolonged endurance cycling and recovery diet on intramuscular triglyceride content in trained males. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 285, E804-11	6	55
114	Impaired performance of skeletal muscle in alpha-glucosidase knockout mice. <i>Muscle and Nerve</i> , <b>2002</b> , 25, 873-83	3.4	28

113	Effect of exercise training at different intensities on fat metabolism of obese men. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1300-9	3.7	96
112	The effect of a 3-month low-intensity endurance training program on fat oxidation and acetyl-CoA carboxylase-2 expression. <i>Diabetes</i> , <b>2002</b> , 51, 2220-6	0.9	99
111	The fate of [U-(13)C]palmitate extracted by skeletal muscle in subjects with type 2 diabetes and control subjects. <i>Diabetes</i> , <b>2002</b> , 51, 784-9	0.9	38
110	Heat stress increases muscle glycogen use but reduces the oxidation of ingested carbohydrates during exercise. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1562-72	3.7	92
109	Substrate utilization in non-obese Type II diabetic patients at rest and during exercise. <i>Clinical Science</i> , <b>2002</b> , 103, 559-66	6.5	33
108	The primary target of nutritional support: body composition or muscle function?. <i>Nestle Nutrition Workshop Series Clinical &amp; Performance Programme</i> , <b>2002</b> , 7, 219-34; discussion 234-8		
107	Muscle glutamine production in burn patients: the physiological meaning of tracer estimates. <i>Clinical Science</i> , <b>2001</b> , 100, 299-301	6.5	
106	The effect of glutamate infusion on cardiac performance is independent of changes in metabolism in patients undergoing routine coronary artery bypass surgery. <i>Clinical Science</i> , <b>2001</b> , 101, 573	6.5	3
105	The effect of low-intensity exercise training on fat metabolism of obese women. <i>Obesity</i> , <b>2001</b> , 9, 86-96		41
104	The metabolism of linoleic acid in healthy subjects after intake of a single dose of (13)C-linoleic acid. <i>European Journal of Clinical Nutrition</i> , <b>2001</b> , 55, 321-6	5.2	15
103	The effects of increasing exercise intensity on muscle fuel utilisation in humans. <i>Journal of Physiology</i> , <b>2001</b> , 536, 295-304	3.9	517
102	Muscle function in critically ill patients. <i>Clinical Nutrition</i> , <b>2001</b> , 20, 451-4	5.9	45
101	Plasma free Fatty Acid uptake and oxidation are already diminished in subjects at high risk for developing type 2 diabetes. <i>Diabetes</i> , <b>2001</b> , 50, 2548-54	0.9	98
100	Weight reduction and the impaired plasma-derived free fatty acid oxidation in type 2 diabetic subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 1638-44	5.6	34
99	Addition of protein and amino acids to carbohydrates does not enhance postexercise muscle glycogen synthesis. <i>Journal of Applied Physiology</i> , <b>2001</b> , 91, 839-46	3.7	145
98	Differences in acetate recovery factor between groups may interfere with tracer estimates of fat oxidation. <i>Journal of Applied Physiology</i> , <b>2001</b> , 90, 2520-1	3.7	
97	Weight Reduction and the Impaired Plasma-Derived Free Fatty Acid Oxidation in Type 2 Diabetic Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 1638-1644	5.6	39
96	EVIDENCE FOR LIPOGENESIS IN TRAINED ATHLETES ON A LOW FAT DIET. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, S52	1.2	

95	REDUCED OXIDATION OF INGESTED CARBOHYDRATES DURING EXERCISE IN THE HEAT. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, S4	1.2	
94	Relationship between gastro-intestinal complaints and endotoxaemia, cytokine release and the acute-phase reaction during and after a long-distance triathlon in highly trained men. <i>Clinical Science</i> , <b>2000</b> , 98, 47-55	6.5	198
93	Determinants of the acetate recovery factor: implications for estimation of [13C]substrate oxidation. <i>Clinical Science</i> , <b>2000</b> , 98, 587-592	6.5	36
92	Determinants of the acetate recovery factor: implications for estimation of [13C]substrate oxidation. <i>Clinical Science</i> , <b>2000</b> , 98, 587	6.5	17
91	Maximizing postexercise muscle glycogen synthesis: carbohydrate supplementation and the application of amino acid or protein hydrolysate mixtures. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 72, 106-11	7	246
90	Plasma insulin responses after ingestion of different amino acid or protein mixtures with carbohydrate. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 72, 96-105	7	271
89	Ingestion of protein hydrolysate and amino acid-carbohydrate mixtures increases postexercise plasma insulin responses in men. <i>Journal of Nutrition</i> , <b>2000</b> , 130, 2508-13	4.1	93
88	American College of Sports Medicine roundtable. The physiological and health effects of oral creatine supplementation. <i>Medicine and Science in Sports and Exercise</i> , <b>2000</b> , 32, 706-17	1.2	280
87	Energy, substrate and protein metabolism in morbid obesity before, during and after massive weight loss. <i>International Journal of Obesity</i> , <b>2000</b> , 24, 711-8	5.5	61
86	Effect of oral glucose on leucine turnover in human subjects at rest and during exercise at two levels of dietary protein. <i>Journal of Physiology</i> , <b>2000</b> , 525 Pt 1, 271-81	3.9	24
85	Glutamine appearance rate in plasma is not increased after gastrointestinal surgery in humans. <i>Journal of Nutrition</i> , <b>2000</b> , 130, 1566-71	4.1	28
84	Response of glutamine metabolism to glutamine-supplemented parenteral nutrition. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 72, 790-5	7	41
83	Plasma FFA utilization and fatty acid-binding protein content are diminished in type 2 diabetic muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E146-54	6	100
82	Effects of acute (-)-hydroxycitrate supplementation on substrate metabolism at rest and during exercise in humans. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 72, 1445-50	7	39
81	The effect of free glutamine and peptide ingestion on the rate of muscle glycogen resynthesis in man. <i>International Journal of Sports Medicine</i> , <b>2000</b> , 21, 25-30	3.6	25
80	Increase in fat oxidation on a high-fat diet is accompanied by an increase in triglyceride-derived fatty acid oxidation. <i>Diabetes</i> , <b>2000</b> , 49, 640-6	0.9	84
79	Impaired oxidation of plasma-derived fatty acids in type 2 diabetic subjects during moderate-intensity exercise. <i>Diabetes</i> , <b>2000</b> , 49, 2102-7	0.9	136
78	Carbohydrate ingestion can completely suppress endogenous glucose production during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 276, E672-83	6	80



77	Effect of training status on fuel selection during submaximal exercise with glucose ingestion. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1413-20	3.7	69
76	Tracers to investigate protein and amino acid metabolism in human subjects. <i>Proceedings of the Nutrition Society</i> , <b>1999</b> , 58, 987-1000	2.9	92
75	Glutamine: the pivot of our nitrogen economy?. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>1999</b> , 23, S45-8	4.2	31
74	Glucose kinetics during prolonged exercise in highly trained human subjects: effect of glucose ingestion. <i>Journal of Physiology</i> , <b>1999</b> , 515 ( Pt 2), 579-89	3.9	115
73	Myocardial substrate uptake and oxidation during and after routine cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1999</b> , 118, 71-80	1.5	25
72	Muscle protein degradation and amino acid metabolism during prolonged knee-extensor exercise in humans. <i>Clinical Science</i> , <b>1999</b> , 97, 557-567	6.5	41
71	Chronic fatigue syndrome: the physiology of people on the low end of the spectrum of physical activity?. <i>Clinical Science</i> , <b>1999</b> , 97, 611-613	6.5	8
70	Muscle protein degradation and amino acid metabolism during prolonged knee-extensor exercise in humans. <i>Clinical Science</i> , <b>1999</b> , 97, 557-67	6.5	25
69	Chronic fatigue syndrome: the physiology of people on the low end of the spectrum of physical activity?. <i>Clinical Science</i> , <b>1999</b> , 97, 611	6.5	2
68	Discrepancy between muscle and whole body protein turnover. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>1999</b> , 2, 29-32	3.8	20
67	Amino acid supplements to improve athletic performance. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>1999</b> , 2, 539-44	3.8	21
66	Validation of the [1,2-13C]acetate recovery factor for correction of [U-13C]palmitate oxidation rates in humans. <i>Journal of Physiology</i> , <b>1998</b> , 513 ( Pt 1), 215-23	3.9	44
65	Glutamate metabolism of the heart during coronary artery bypass grafting. <i>Clinical Nutrition</i> , <b>1998</b> , 17, 73-5	5.9	12
64	Fat metabolism during exercise: a review--part II: regulation of metabolism and the effects of training. <i>International Journal of Sports Medicine</i> , <b>1998</b> , 19, 293-302	3.6	71
63	Fat metabolism during exercise: a review--part III: effects of nutritional interventions. <i>International Journal of Sports Medicine</i> , <b>1998</b> , 19, 371-9	3.6	59
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